

Title (en)  
ISOCYANATE COMPOSITIONS FOR LOW DENSITY POLYURETHANE FOAM

Title (de)  
ISOCYANATZUSAMMENSETZUNGEN ZUR HERSTELLUNG VON POLYURETHANSCHAUMSTOFFEN MIT GERINGER DICHT

Title (fr)  
COMPOSITIONS D'ISOCYANATE UTILES POUR PREPARER DES MOUSSES POLYURETHANIQUES DE FAIBLE DENSITE

Publication  
**EP 0960150 A1 19991201 (EN)**

Application  
**EP 98910638 A 19980209**

Priority  
• EP 9800715 W 19980209  
• US 4029297 P 19970211

Abstract (en)  
[origin: WO9834973A1] Improved low density polyurethane foams are prepared from an isocyanate-terminated prepolymer having an NCO content of more than about 31 to about 33.5 % by weight comprising: (a) a polyphenylene polymethylene polyisocyanate comprising (i) about 30 to about 100 % by weight of diphenylmethane diisocyanate and (ii) the remainder selected from the group consisting essentially of higher homologues of polyphenylene polymethylene polyisocyanate, isocyanate-containing ester groups, urea groups, biuret groups, aliphatic groups, carbodiimide groups, isocyanurate groups, uretdione groups and urethane groups; and (b) a polyoxyalkylene polyol having an oxyethylene content of about 30 to about 90 %, a molecular weight of about 1000 to about 12000 and a functionality of about 2 to about 8.

IPC 1-7  
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IPC 8 full level  
**C08G 18/10** (2006.01); **C08G 18/48** (2006.01); **C08G 18/76** (2006.01)

CPC (source: EP KR US)  
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C-Set (source: EP US)  
1. **C08G 18/10** + **C08G 18/7664**  
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**WO 9834973 A1 19980813**; AU 6495698 A 19980826; AU 728024 B2 20010104; BR 9807217 A 20000523; CA 2284462 A1 19980813; CN 1246873 A 20000308; CZ 281299 A3 19991117; DE 69801421 D1 20010927; DE 69801421 T2 20020523; EP 0960150 A1 19991201; EP 0960150 B1 20010822; ES 2162702 T3 20020101; HU P0000899 A2 20000728; HU P0000899 A3 20000928; ID 22174 A 19990909; JP 2001512501 A 20010821; KR 20000070925 A 20001125; NZ 337144 A 20010330; PL 335060 A1 20000327; SK 108399 A3 20000118; TR 199901873 T2 19991021; US 6133481 A 20001017

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